Use Attainability Analysis

for

WBID 1593 Brushy Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

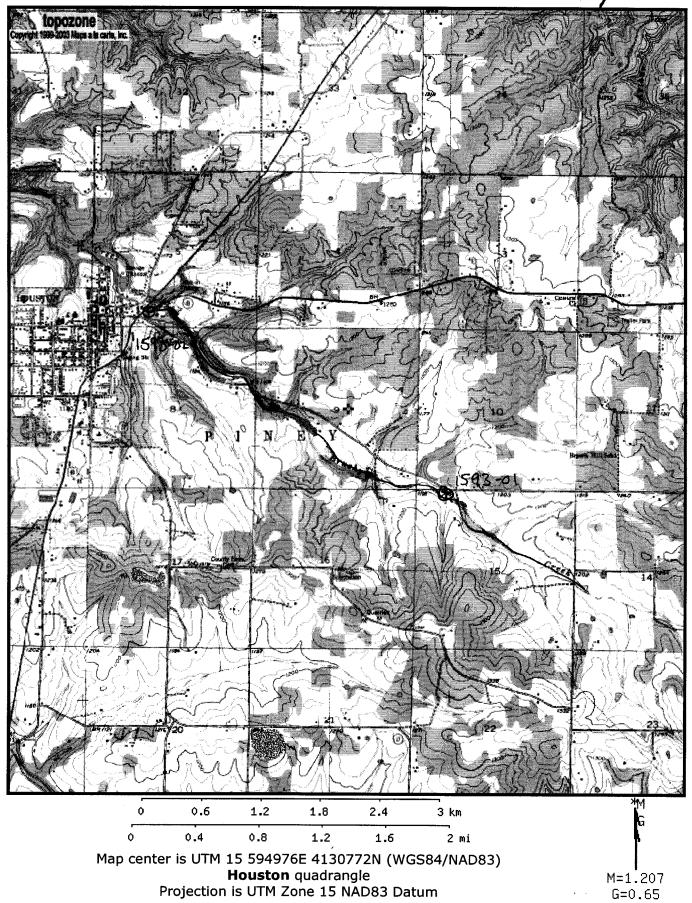


Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad): Brushy Creek
8-digit HUC: 16290202
Missouri WBID #: 1593
County: Texas
Upstream Legal Description: Sec 14 T30 N R9W
Downstream Legal Description: Sec 5 T30 N R9W
Upstream Coordinates: 37. 30218 91. 90 255 17. 3 FL
Downstream Coordinates: 37.32706 91.95133 19.3 ft.
Discharger Facility Name(s):
Discharger Permit Number(s):
Number of Sites Evaluated: (3)
Name of Surveyor and Telephone Number: Dave Dowdy (660) 385-7996
Organization: Mo DNR
Position: Soil Scientist II

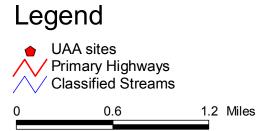
I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed:_	David	W. Oorely	Date	6-14-05
~~S~				



Brushy Creek - 1593, Texas County







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	1593-01		Site Location I		
Site GPS Coordinates:	37.30218	91.90255	Drużny		
Date & Time: 6-1	4-05 3:30	pm.	Facility Name:		
Personnel: Dave	Dowdy		Permit Number	r:	
Current Weather Cond	' .)~	Weather Condi	tions for Past 7 days: Ho	t. + wet
Photo Ids: Upstream:		wnstream: 154	13-01 D Othe	er: 1 543-01. E 1 543	OILE CONTINUE
I Obd*-		-			
Jses Observed*:	T (31 : 11 : 1		TD A 41	· .	777.4
Swimming	Skin diving		JBA diving	Tubing	Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boa	iting	Wading	Rafting
Hunting	☐ Trapping	☐ Fish	ning	None of the above	Other:
, •	ns*: (Mark all that p	promote or imp	ede recreational u	uses. Attach photos of evide	nce or unusual
urrounding Conditionems of interest.)	ons*: (Mark all that p	· -	ede recreational u	uses. Attach photos of eviden	nce or unusual Campgrounds
ems of interest.)		· -	servation lands		
ems of interest.) City/county parks	☐ Playgrounds	☐ MDC con	servation lands	Urban areas	Campgrounds Stairs/walkway
ems of interest.) City/county parks Boating accesses No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC con	servation lands	Urban areas Nature trails	Campgrounds Stairs/walkway
ems of interest.) City/county parks Boating accesses	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC con ☐ National f	servation lands	Urban areas Nature trails	Campgrounds Stairs/walkway
ems of interest.) City/county parks Boating accesses No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence se*:	MDC con National f	servation lands orests	☐ Urban areas ☐ Nature trails ☑ Other: Cathle fe	☐ Campgrounds ☐ Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Data Sheet B - Site Characterization

Page Two - WBID # 1553 : 01

Stream Morph Upstream Vi		Dimensions:				
	idth (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth	(ft):
Run W	Run Width (ft): Length (ft):		Avg. Depth (ft):	Max. Depth	(ft):
⊠ Pool W	idth (ft): 8	Length (ft): 15	Avg. Depth (ît): . 5	Max. Depth	(ft): 1 {} }.
☑ Flow Pro	esent? Ye	s 🛛 No	Estimated (ft ³	/sec):		
Downstream	View Physic	al Dimensions:	· ·			
	dth (ft):	Length (ft):	Avg. Depth (i	t):	Max. Depth ((ft):
Run Wi	dth (ft):	Length (ft):	Avg. Depth (f	t):	Max. Depth ((ft):
Pool Wi	dth (ft): 8	Length (ft): 15	Avg. Depth (f	t): 5	Max. Depth ((ft): 1.6
▼ Flow Pre	esent? Yes	No No	Estimated (ft ³	/sec):		
Hy dric (plants in c		gal growth at the asses	sment site)		
Water Characte			Chemical	None None	Other:	
Odor: Color:	Sewag	e Musky Green	Gray	Milky	Other:	
Bottom Deposi				None	Other:	
Surface Deposi		☐ Scum	☐ Foam	None	Other:	
*This information is comprehensive und decision on the recr	s not to be used erstanding of water to use analy and hereby a		ecreational use designatently, this information litions that need further my knowledge, th	tion but rather is not intended analysis or th at all inform	is to provide a moderation is to directly influent at effect another unation reporte	nte nce a se. d on this UAA
Signed:	nd W Do	-y	Date: Position:	6-14	-05	
Organization:	MO DNR		Position:	50:1	Scientist I	



1593_001_DS



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	Missouri WBID #:	593-07		Site Location De	•		
	Site GPS Coordinates:	37.31707 9	31.92008	Brushy C	creek		
		-05 3pm.		Facility Name:			
	Personnel: Dive Do			Permit Number:			
	Current Weather Conditi		·	Weather Conditi	ons for Past 7 days:	t 4 uct	
	Photo Ids: Upstream: 15			3-07 p Other		OZLE CONTINUEL	
	<u> </u>				<u> </u>		
Us	es Observed*:			•			
i	Swimming	Skin diving	□ sct	JBA diving	☐ Tubing	Water skiing	
	☐ Wind surfing	☐ Kayaking	☐ Boa	ting	Wading	Rafting	
-	☐ Hunting	Trapping	☐ Fish	ing	☐ None of the above	Other: Caus walken	
	Describe: (include numbe	er of individuals reco	reating, freque	ncy of use, photo-	locumentation of evidence	of recreational uses, etc.)	
·							
	e .						
					•	•	
~	79 69 3545				Attack -batas of arridor	200 07 1171101101	
	rrounding Condition ns of interest.)	S": (Mark all that p	romote or imp	ede recreational us	es. Attach photos of evider	ICE OI unusuai	
iter	City/county parks	Playgrounds	☐ MDC con:	servation lands	Urban areas	Campgrounds	
	Boating accesses	State parks	☐ National f		Nature trails	Stairs/walkway	
	☐ No trespass sign	Fence	Steep slop		Other:		
	☐ 140 ffesbass sign	124 rence	succhange				
Εv	idence of Human Use	:					
_ ,	Roads	Foot paths/prin	ts Do	ock/platform	☑ Livestock Watering	RV / ATV Tracks	
	☐ Rope swings	Camping Sites	☐ Fir	e pit/ring	☐ NPDES Discharge	Fishing Tackle	
	Other: Livestock	functing / Cattle	e fence,	Livestock in	creek		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID # 1543: 07

	ream Mor Upstream	_		imensio	ons:								
	Riffle	Width (ft)	:	Len	gth (ft):		Avg. Depth	(ft):		ľ	Max. Dept	h (ft):	
Ī	Run	Width (ft)	:	Len	gth (ft):		Avg. Depth	(ft):		N	Max. Depti	h (ft):	
Ī	⊠ Pool	Width (ft)	: 10	Len	gth (ft):	25	Avg. Depth	(ft):	1.0	N	ſax. Depti	h (ft):	1.0
1	☑ Flow	Present?	☐ Yes	⊠ No			Estimated (1	ft³/sec):					
3	Downstrea	am View	Physical	l Dimen	sions:	Dr.	· ·						
	Riffle	Width (ft)			gth (ft):		Avg. Depth	(ft):		N	lax. Depth	(ft):	
	Run	Width (ft)		Leng	gth (ft):		Avg. Depth	(ft):		ı N	lax. Depth	(ft):	
ŀ	☐ Pool	Width (ft)		Leng	gth (ft):	· _ ::- · · · · · · · · · · · · · · · · · ·	Avg. Depth	(ft):		M	lax. Depth	(ft):	
ŀ	☑ Flow	Present?	Yes	⊠ No	· · · · ·	,	Estimated (f	t³/sec):					
Sul	ostrate*:				100%.)								
	5 %	Cobble	90 9	% Gravel		5 %	Sand	% 5	Silt	% l	Mud/Clay	<u></u>	% Bedrock
Aq		etation*:				or algal g	growth at the asse	essment	t site)				
Wa	ter Chara	cteristic											
-	Odor:		Sewage		Musky	<u> </u>	Chemical	N			Other:		
-	Color:		Clear Sludge		Green Solids		Gray Fine sediments		ilky		Other: 0	CAAAKS	
-	Bottom Dep Surface Dep		Oil		Scum		Foam	N			Other:		
*Thi	mments: F	Please atta	be used sol	ely for re	moval o	f a recrea	ding informational use design y, this information that need further	ation b n is not	ut rather i	is to pro	ovide a me	ore ence a	
	he undersi asheet is t				he best	of my	knowledge, tl						this UAA
Sign	ned:	David	WD	only_			Date:Position		6-10	1-05	5		
Org	anization:	Mo	DNR				Position	ı:	50.1	Sci	nt st	—	



1593_002_DS





1593_002



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	Missouri WBID #: 15	93-03		Site Location Description: Brushy Creek				
	Site GPS Coordinates:	37. 32706 4	91.95133					
	Date & Time: 6-14-0		m -	Facility Name:		·		
į	Personnel: Dave Do	•		Permit Number:				
	Current Weather Condition		y .	Weather Condit	ions for Past 7 days:	+ buet		
	Photo Ids: Upstream: /			93-03 D Othe	r:			
ı				A Company of the Comp				
Us	es Observed*:					· · · · · · · · · · · · · · · · · · ·		
- 1	Swimming	Skin diving	☐ sct	JBA diving	☐ Tubing	☐ Water skiing		
	☐ Wind surfing	☐ Kayaking	☐ Boa	ting	Wading	Rafting		
	☐ Hunting	Trapping	☐ Fish	_	☐ None of the above	Other:		
	Describe: (include numbe	r of individuals rec	reating, freque	ncy of use, photo-	documentation of evidence	of recreational uses, etc.)		
					;			
					* *	·		
I				-				
Su	rrounding Condition	s*: (Mark all that p	promote or imp	ede recreational u	ses. Attach photos of evider	nce or unusual		
	ns of interest.)							
	☐ City/county parks	☐ Playgrounds	☐ MDC con	servation lands	☑ Urban areas	Campgrounds		
	☐ Boating accesses	State parks	☐ National	forests	☐ Nature trails	Stairs/walkway		
	☐ No trespass sign	Fence	Steep slop	oes	Other:			
ı		<u> </u>	<u> </u>			,		
Ev	idence of Human Use				T			
	Roads	Foot paths/prin	nts 🔲 Do	ock/platform	Livestock Watering	RV / ATV Tracks		
	☐ Rope swings	☐ Camping Sites	☐ Fi	re pit/ring	NPDES Discharge	Fishing Tackle		
ĺ	☐ Other: N/A							

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID # 1513: 03

Stream Morp Upstream		vsical Di	mensions•				
Riffle	Width (ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Run	Width (ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
⊠ Pool	Width (ft):	30	Length (ft): &	Avg. Depth	(ft): 1.0	Max. Depth (ft):	
⊠ Flow	Present?	X Yes	□ No	Estimated (f	t³/sec):		
Downstran	- Viore	Dhysiaal	Dimensions:				
	Width (ft):	rnysicai	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
	Width (ft):	· · · · · · · · · · · · · · · · · · ·	Length (ft):	Avg. Depth (Max. Depth (ft):	
	Width (ft):	6	Length (ft): 3		` .	Max. Depth (ft):	
		Yes	□ No	Estimated (fi		Was. Dopai (10).	- 3 + 7
[V] 1.10W	11030111:	127 103		· · · · · · · · · · · · · · · · · · ·	. 7500).	· · · · · · · · · · · · · · · · · · ·	
Substrate*: (These value	es should a	dd up to 100%.)				
	Cobble		Gravel /5	% Sand	% Silt	% Mud/Clay	% Bedrock
<u> </u>			· · · · · · · · · · · · · · · · · · ·				
Aquatic Vege	tation*: (note amou	nt of vegetation or al	gal growth at the asse	ssment site)	·	
7			when from Hu				
						-	
Water Chara	atoristics	*• (Morle c	11 that apply				
Odor:		Sewage	Musky	Chemical	X None	Other:	
Color:		Clear	Green	Gray	Milky	Other:	
Bottom Depo		Sludge	Solids	Fine sediments	✓ None	Other:	
Surface Dep		Oil	✓ Scum state	Foam	None	Other:	
£							
Comments: P	lease atta	ch additio	onal comments (in	cluding informati	on from interv	views) to this form	1.
Minn	ious, sm	all sha	ils observed in	creek			
			•		atian hut nathan i	a to provide a more	
*This information	1 IS NOT TO D nderstandin	e used sole o of water	ly for removal of a reconditions. Conseque	creational use designation	is not intended	to directly influence a	a.
decision on the re	creation us	e analysis l	out may point to cond	litions that need further	er analysis or tha	t effect another u.se.	
			,	•		•	. AR. S. TTA A
			m to the best of	my knowledge, th	iat all inform	ation reported o	a this UAA
datasheet is tr	rue and a	ccurate.					
Signed:)and h). O ana	2	Date:	6-1	4-05	
Organization:	Mo	DUR		Position	: <u>So:1</u>	4-05 5cm+st III	
				,			



1593_003_DS

